

## ABSTRACT

The present invention is directed to a sorbent comprising a disordered polyvalent metal oxide on the surface of an inert substrate. The substrate can be a layered silicate, such as vermiculite, an aluminosilicate such as montmorillonite, or a nonlayered silicate such as a zeolite. The sorbent removes ionic contaminants, such as arsenic, from process streams.

5